

DATA-RETRIEVAL PROCESSOR UNIT FOR EXTENDED- SPECTRUM MULTIPLE-STATION COMMUNICATION SYSTEM

Bibliographic data

Description

Claims

Mosaics

Original document

INPADOC legal status

Publication number: RU2149509 (C1)

Publication date: 2000-05-20

Inventor(s): IJSTON KENNETH D [US]; LEVIN DZHEFFRI A [US]

Applicant(s): QUALCOMM INC [US]

Classification:

- International: H04L1/02; H04B1/707; H04B7/26; H04L27/30; H04L1/02; H04B1/707; H04B7/26; H04L27/26;

(IPC1-7): H04B7/26; H04L27/30

- European: H04B1/707A1A; H04B1/707A9; H04B1/707F3; H04B7/26S

Application number: RU19960114977 19950927

Priority number(s): US19940316177 19940930; WO1995US12390 19950927

[View INPADOC patent family](#)

[View list of citing documents](#)

Abstract of RU 2149509 (C1)

FIELD: cellular telephone communications. **SUBSTANCE:** integral data- retrieval processor unit incorporated in modem for extended-spectrum communication system serves to spool retrieved data received and uses time-sliced conversion processor handling serial shifts from buffer. Data- retrieval processor unit performs off-line step-by-step retrieval configured by set of retrieval parameters determined by microprocessor which may include group of antennas to be retrieved, initial shift and width of page window to be found, as well as number of Walsh symbols for acquiring results of each shift. Data-retrieval processor unit computes correlation energy at each shift and submits summary report on most optimal paths detected during retrieval meant for reusing demodulating item.; This measure reduces load related to retrieval process on microprocessor and also modem losses due to the fact that entire modem circuit of channel component can be formed on single integrated circuit. **EFFECT:** reduced time of data retrieval. 35 cl, 15 dwg

Data supplied from the esp@cenet

database — Worldwide

Also published as:

WO9610873 (A1)
ZA9507858 (A)
US5710768 (A)
PT732013 (T)
MX9602026 (A)

[more >>](#)

[Report a data error here](#)

